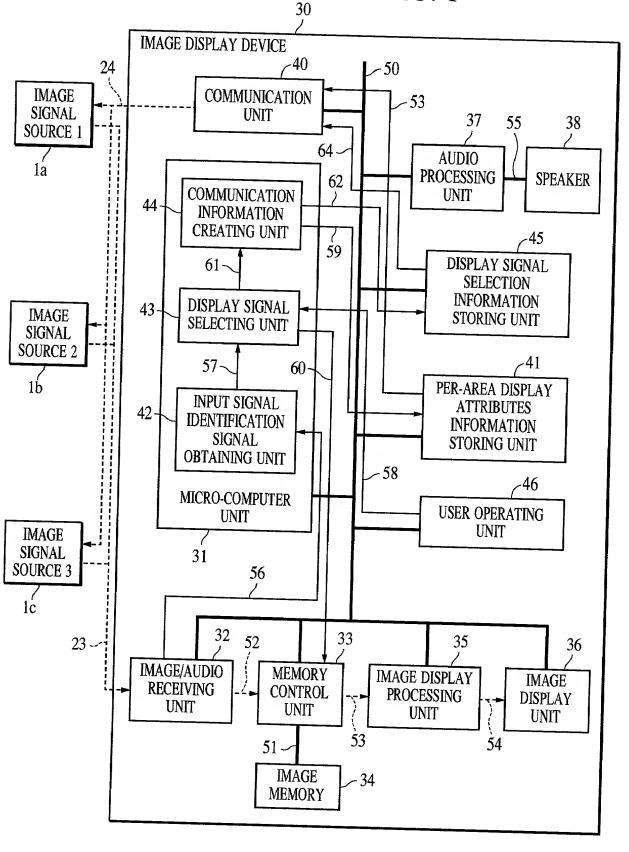
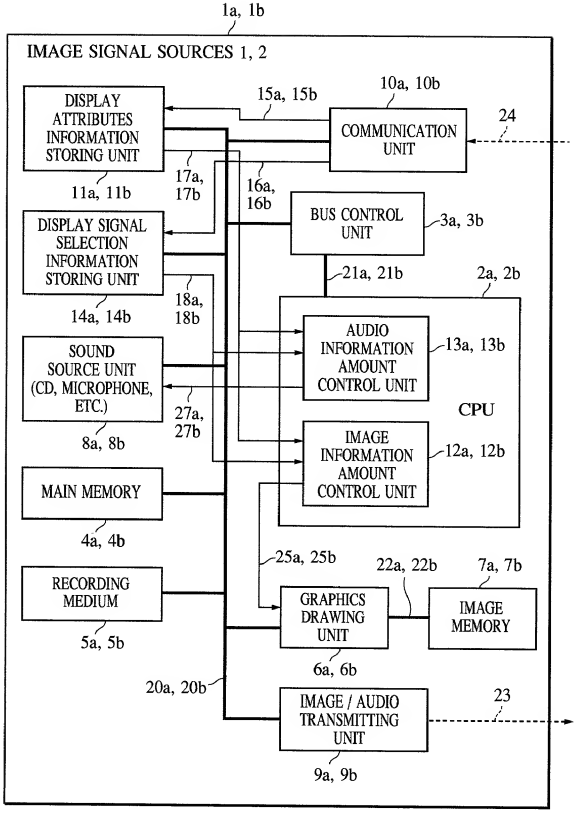
FIG. 1



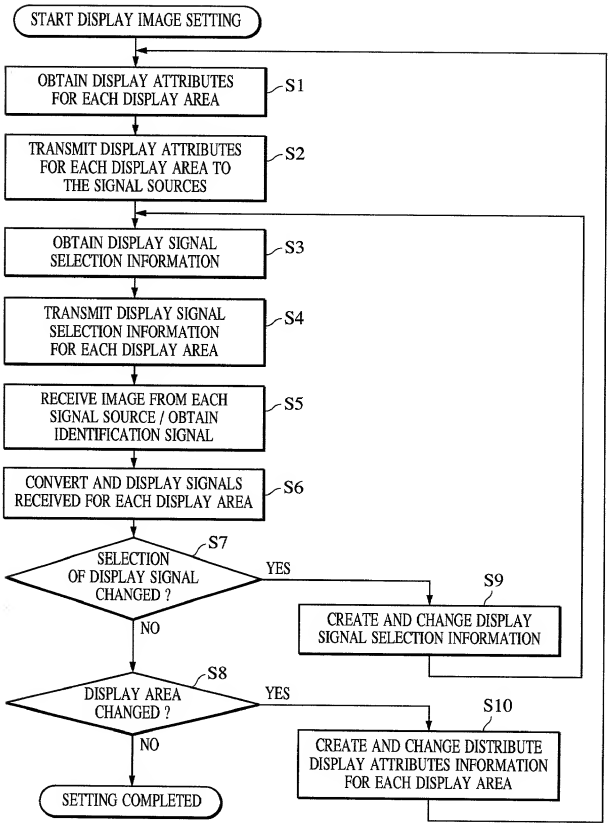
0987230.050501

FIG. 2



EP 0 926 623 A2

FIG. 3



US 2009/0135301 A1

T05090*E62E7860

FIG. 4

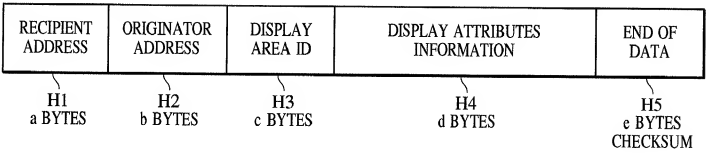


FIG. 5

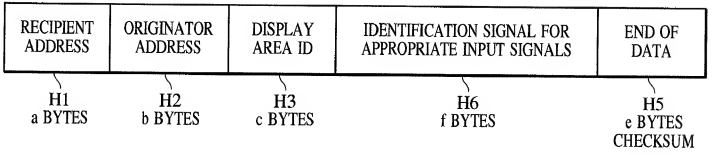
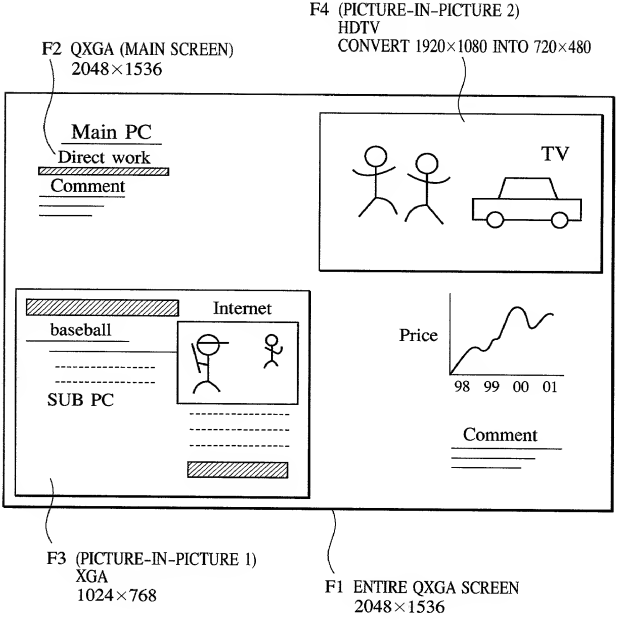


FIG. 6

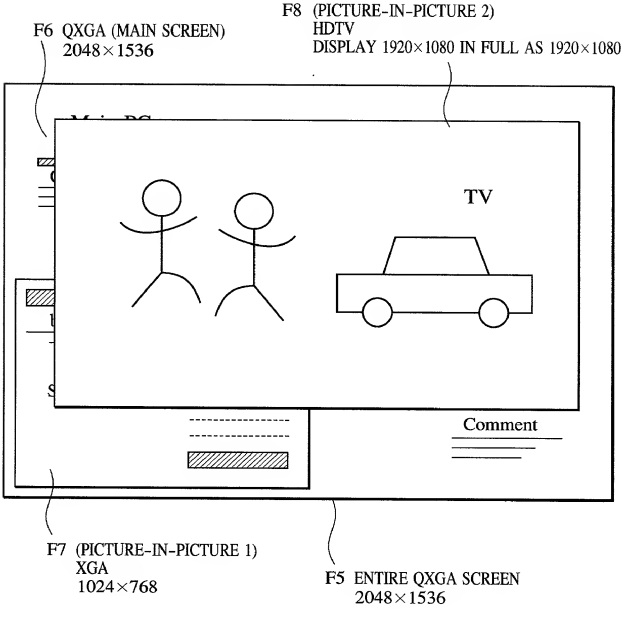


US 6,925,768 B2

FIG. 7

DISPLAY AREA	F2	F3	F4
PER-AREA DISPLAY ATTRIBUTES	RESOLUTION : QXGA GRADIENTS : 8-BIT	RESOLUTION : XGA GRADIENTS : 8-BIT	RESOLUTION : SDTV GRADIENTS : 8-BIT
ATTRIBUTED SIGNAL SOURCE	PC1	PC2	DVD
INPUT IDENTIFICATION SIGNAL	COMMUNICATION ADDRESS FOR PC1	IDENTIFICATION ID OF OUTPUT SIGNAL OF PC2	COMMUNICATION ADDRESS FOR DVD

FIG. 8



US090'E62E786D

FIG. 9

DISPLAY AREA	F2	F3	F4
PER-AREA DISPLAY ATTRIBUTES	RESOLUTION : QXGA GRADIENTS : 8-BIT	RESOLUTION : XGA GRADIENTS : 8-BIT	RESOLUTION : HDTV GRADIENTS : 8-BIT
ATTRIBUTED SIGNAL SOURCE	PC1	PC2	DVD
INPUT IDENTIFICATION SIGNAL	COMMUNICATION ADDRESS FOR PC1	IDENTIFICATION ID OF OUTPUT SIGNAL OF PC2	COMMUNICATION ADDRESS FOR DVD

FIG. 10

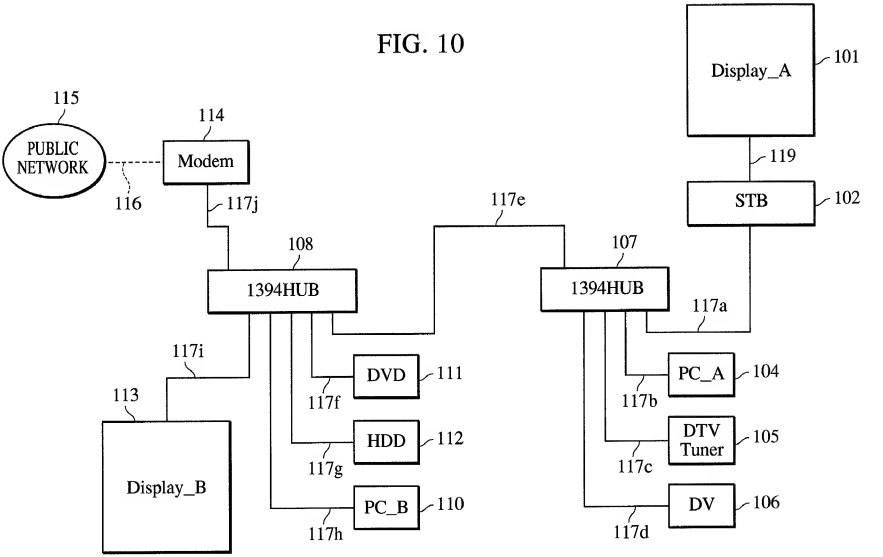
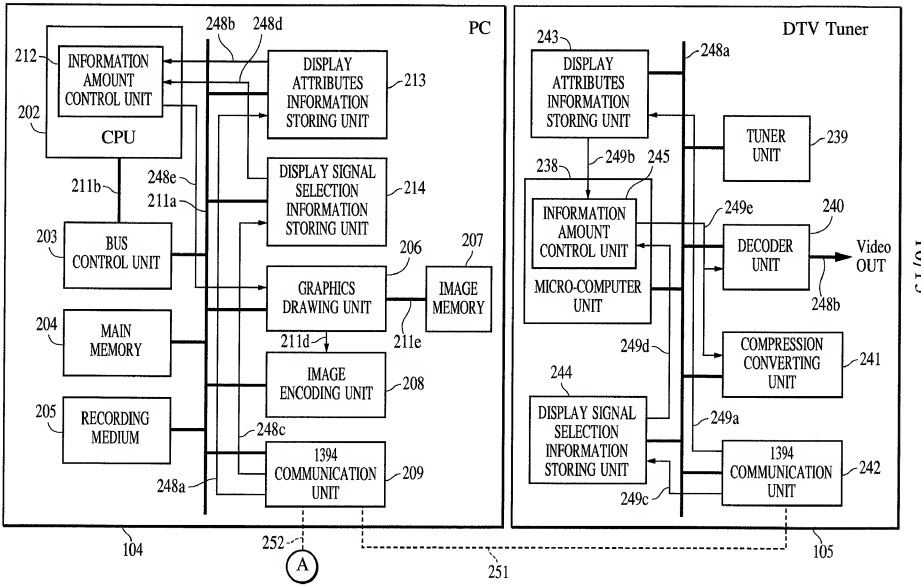
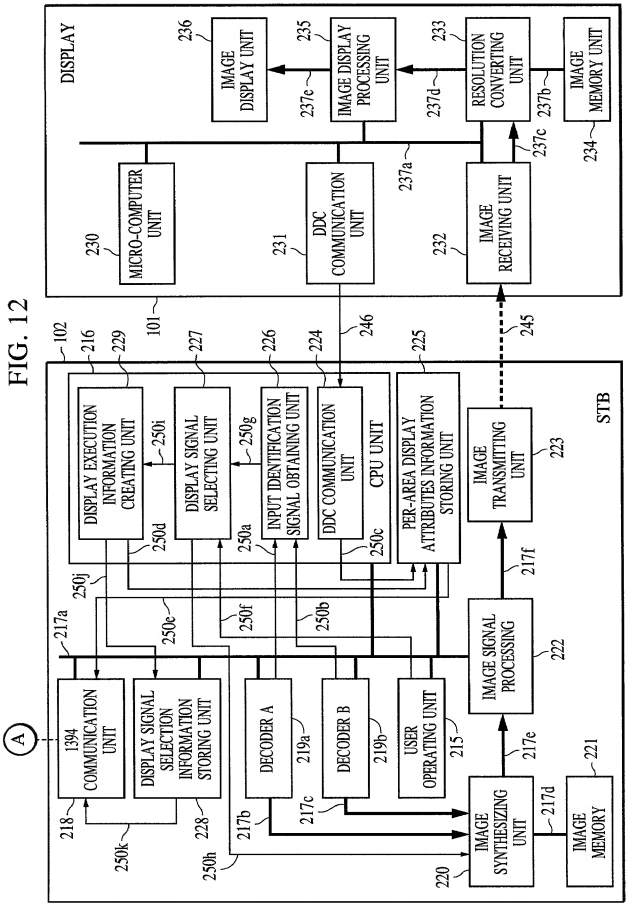

Display_A
101
119
STB
102
115
PUBLIC NETWORK
114
Modem
116
117j
117e
108
1394HUB
107
1394HUB
117a
117i
113
Display_B
DVD
111
117f
HDD
112
117g
PC_B
110
117h
PC_A
104
117b
DTV Tuner
105
117c
DV
106
117d

FIG. 11


PC
DTV Tuner
212
INFORMATION AMOUNT CONTROL UNIT
202
CPU
248b
248d
DISPLAY ATTRIBUTES INFORMATION STORING UNIT
213
211b
248e
211a
DISPLAY SIGNAL SELECTION INFORMATION STORING UNIT
214
203
BUS CONTROL UNIT
206
207
GRAPHICS DRAWING UNIT
IMAGE MEMORY
204
MAIN MEMORY
211d
211e
IMAGE ENCODING UNIT
208
205
RECORDING MEDIUM
248c
1394 COMMUNICATION UNIT
209
248a
104
252
A
251
243
DISPLAY ATTRIBUTES INFORMATION STORING UNIT
248a
TUNER UNIT
239
238
249b
245
INFORMATION AMOUNT CONTROL UNIT
249e
240
DECODER UNIT
Video OUT
MICRO-COMPUTER UNIT
248b
249d
COMPRESSION CONVERTING UNIT
241
244
DISPLAY SIGNAL SELECTION INFORMATION STORING UNIT
249a
1394 COMMUNICATION UNIT
242
249c
105

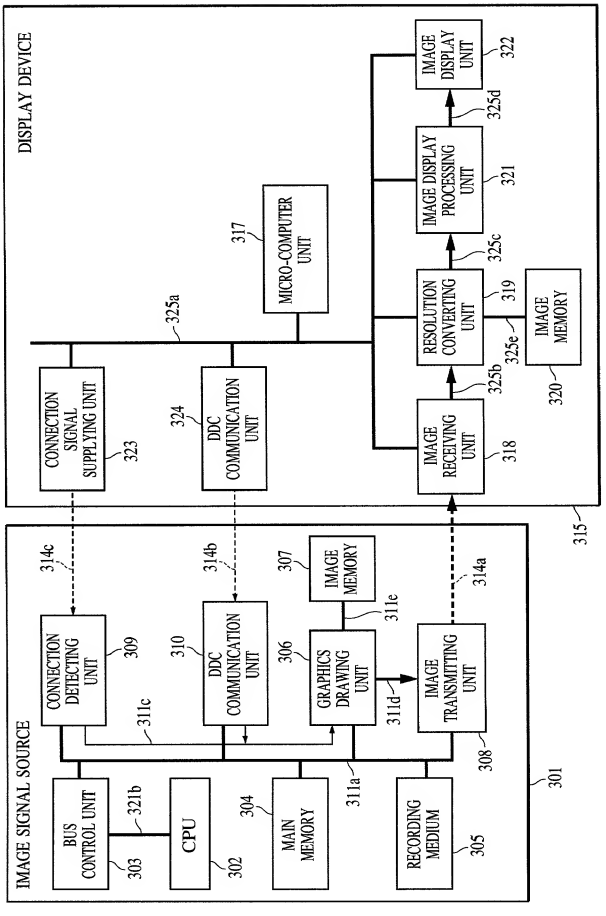
US9090"6252360

FIG. 12



US5990"E625Z360

FIG. 13 (PRIOR ART)



T05090"E625E7860

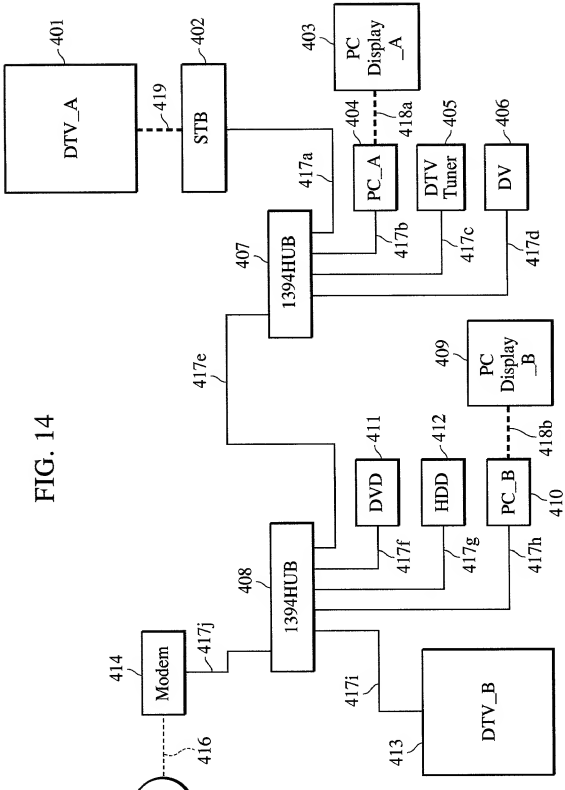



FIG. 14